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TO:	United States Patent & Trademark Office
DATE & TIME:	November 28, 2007
TOTAL PAGES:	Eleven (11)
FAX NUMBER:	571-73-8300

FROM: Morris, Manning & Martin, LLP	CHARGE TO: 14836 53545
NAME: Tim Tingkang Xia, Esq.	CLIENT/MATTER:
PHONE: (404) 233-7000	CONFIRMATION TIME:
	HR MIN SEC

COMMENTS:

RE: Serial No. 10/562,008
 Filing Date: December 23, 2006
 Attachments: Transmittal Sheet (containing Certificate of Mailing (1 page)
 Response to Notice to File Missing Requirements Under 35 U.S.C. 371 (2 pages)
 Copy of the Notice to File Missing Requirements Under 35 U.S.C. 371 (2 pages)
 Declaration/Power of Attorney (4 pages)
 Credit Card Authorization Form-2038 in the Amount of \$65.00 (1 page)
 Authorization to Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Authorization to Credit any overpayments (1 page)

IF YOU HAVE ANY DIFFICULTY WITH THIS TRANSMISSION, PLEASE CALL (404) 233-7000

BEST AVAILABLE COPY

S/N: 10/562,308

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bernd Kuhn et al. Docket: 14836-53545
 Serial No.: 10/562,308 Confirmation No.: 3746
 Intl. Filing Date: 25 June 2004 Group Art Unit: Unassigned
 Due Date: January 6, 2018 Examiner: Unassigned
 Title: OPTIMIZED DETERMINATION OF VOLTAGE CHANGES USING A
 VOLTAGE-SENSITIVE DYE

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CERTIFICATE UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted by facsimile to number 571-273-8300 addressed to Mail Stop: Missing Parts, Commissioner for Patents, United States Patent and Trademark Office on November 28, 2007.

By: 
 Tim Tingkang Xie

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Mail Stop Missing Parts
 Commissioner of Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Customer No. 24728

November 28, 2007

Sir:

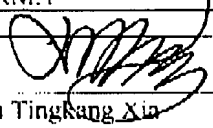
We are transmitting herewith the attached:

- ☒ Transmittal Sheet containing Certificate of Mailing (1 page)
- ☒ Response to Notice to File Missing Requirements Under 35 U.S.C. 371 (2 pages)
- ☒ Copy of the Notice to File Missing Requirements Under 35 U.S.C. 371 (2 pages)
- ☒ Executed Combined Declaration and Power of Attorney (4 pages)
- ☒ Credit Card Authorization Form-2008 in the Amount of \$65.00 (Small Entity) (1 page)
- ☒ Authorization to charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- Authorization to Credit any overpayments (1 page)

CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
Total Claims				
-	20	x	25.00	
Independent Claims				
-	3	x	100.00	
SURCHARGE - LATE FILING FEE OF DECLARATION AND POWER OF ATTORNEY				\$65.00
TOTAL FEE ENCLOSED				\$65.00

MORRIS, MANNING & MARTIN, LLP
 1600 Atlanta Financial Center
 3343 Peachtree Road, NE
 Atlanta, Georgia 30306
 404.495.3678
 Customer No. 24728

By: 
 Name: Tim Tingkang Xie
 Reg. No.: 45,242
 TX

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S/N 10/562,308

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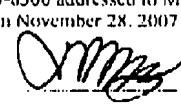
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Bernd Kuhn et al.	Docket:	14836-53545
Serial No.:	10/562,308	Confirmation No.:	3746
Intl. Filing Date:	25 June 2004	Group Art Unit:	Unassigned
Due Date:	6 January 2008	Examiner:	Unassigned
Title:	OPTIMIZED DETERMINATION OF VOLTAGE CHANGES USING A VOLTAGE-SENSITIVE DYE		

CERTIFICATE UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted by facsimile to number 571-273-8300 addressed to Mail Stop: Missing Parts, Commissioner for Patents, United States Patent and Trademark Office on November 28, 2007.

By: 
Tim Tingkang Xia

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 28, 2007

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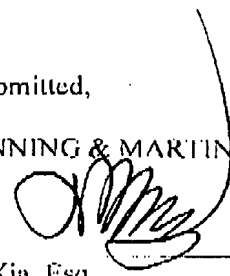
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No: 50-3537.

Respectfully submitted,

MORRIS, MANNING & MARTIN, LLP

November 28, 2007


Tim Tingkang Xia, Esq.
Reg. No. 45,242
Attorney for Assignee on the Record
JTX

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NOV 28 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Bernd Kuhn et al.	Docket:	14836-53545
Serial No.:	10/562,308	Confirmation No.:	3746
Intl. Filing Date:	25 June 2004	Group Art Unit:	Unassigned
Due Date:	January 6, 2018	Examiner:	Unassigned
Title:	OPTIMIZED DETERMINATION OF VOLTAGE CHANGES USING A VOLTAGE-SENSITIVE DYE		

CERTIFICATE UNDER 37 CFR 1.8.

I hereby certify that this correspondence is being transmitted by facsimile to number 571-273-8300 addressed to Mail Stop: Missing Parts, Commissioner for Patents, United States Patent and Trademark Office on November 28, 2007.

By 
Tim Tingkang Xia

**RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS
UNDER 35 U.S.C. 371 IN THE UNITED STATES
DESIGNATED/ ELECTED OFFICE (DO/EO/US)**

Mail Stop Missing Parts
Commissioner of Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Customer No. 24728

November 28, 2007

Sir:

In response to the Notice to File Missing Requirements Under 35 U.S.C. 371 mailed November 6, 2007, Applicant encloses herewith:

1. Response to Notice to File Missing Requirements Under 35 U.S.C. 371;
2. Copy of the Notice to File Missing Requirement Under 35 U.S.C. 371;
3. Executed Declaration and Power of Attorney;
4. Credit Card Authorization Form-2038 in the amount of \$65.00 (Small Entity) for Surcharge for filing Declaration and Power of Attorney; and
5. Authorization to charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Authorization to Credit any overpayments

Please send any future correspondence to Mr. Tim Tingkang Xia at the address associated with Customer Number 24728.

S/N: 10/562,308

PATENT

Applicant believes that the submission of these papers complete the filing of all necessary papers and respectfully requests that the referenced application be passed along for examination.

Respectfully submitted,

MORRIS, MANNING & MARTIN, LLP

November 28, 2007



Tim Tingkang Xia
Reg. No. 45,242

MORRIS, MANNING & MARTIN, L.L.P.
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Customer No. 24728



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UNITED STATES DEPARTMENT OF COMMERCE
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Address: COMMISSIONER FOR PATENTS
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U.S. APPLICATION NUMBER NO.
10/562,308
24728
MORRIS MANNING MARTIN LLP
3343 PEACHTREE ROAD, NE
1600 ATLANTA FINANCIAL CENTER
ATLANTA, GA 30326

FIRST NAMED APPLICANT

Bernd Kuhn

ATTY DCKET NO.

14836-53545

INTERNATIONAL APPLICATION NO

PC1/EP04/06916

I.A. FILING DATE

06/25/2004

PRIORITY DATE

06/26/2003

CONFIRMATION NO. 3748
371 FORMALITIES LETTER



OC000000020030372

Date Mailed: 11/06/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 12/23/2005
- Copy of the International Search Report filed on 12/23/2005
- Preliminary Amendments filed on 12/23/2005
- U.S. Basic National Fees filed on 12/23/2005
- Priority Documents filed on 12/23/2005
- Specification filed on 12/23/2005
- Claims filed on 12/23/2005
- Abstracts filed on 12/23/2005
- Drawings filed on 12/23/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventor in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

page 1 of 2

FORM PCT/DO/EO/905 (371 Formalities Notice)

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To: USPTO

P.6/12

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://portal.uspto.gov/authenticate/authenticateUserLocalEPF.html>

For more information about EFS-Web, please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

RODERICK M JONES

Telephone: (703) 308-9140 EXT 181

page 2 of 2

FORM PCT/DOE/BO5 (371 Formibus Notion)